



U N I V E R S I T Y O F
SOUTH CAROLINA

AMENDMENT NO. 3

TO: ALL VENDORS

FROM: Lana Widener

SUBJECT: USC-IFB-2138-LW
Furnish and Install Signage and Graphics for USC Athletic Village Garage

DATE: February 29, 2012

This Amendment No. 3 modifies the Invitation for Bid only in the manner and to the extent as stated herein.

ITEM ONE: QUESTIONS FROM VENDORS A, B, C, D, AND E
SEE ATTACHED FOR QUESTIONS AND ANSWERS

BIDDER SHALL ACKNOWLEDGE RECEIPT OF AMENDMENT NO. 3 IN THE SPACE PROVIDED BELOW AND RETURN IT **WITH THEIR BID RESPONSE**. FAILURE TO DO SO MAY SUBJECT BID TO REJECTION.

Authorized Signature

Firm

Date

VENDOR A

Question #1

Reference finishes for exterior signs, Types A1, A2, A3, D & G-All of these signs have a reference to a, "Brushed Aluminum with Clear Coat". What type of finish are you specifying? Is this an "Anodized" finish, faux grain paint finish, mill-finish aluminum, (bare aluminum) with just a clear coat applied, shop applied "Grain Accentuated" finish. There are many types of "Brushed Aluminum" finishes. Can you be more specific?

Answer #1

This is a bare aluminum with a mechanically brushed (#4 Vertical Brush) finish and a clear powdercoat.

Question #2

Reference 1" thick aluminum for Types A1, A2, & A3-Are you requiring this material to be an actual 1" thick gauge aluminum sheet or is the 1" a finish dimension to be achieved at fabricator's option?

Answer #2

The finished dimension needs to be 1", face plate needs to be a minimum of 1/8" thick

VENDOR B

Question #1

Sign Type A1, A2 & A3 – Please confirm material for "0.75" thick letters, bronze finish pin mounted"; (i.e. are these to be 0.75" cast bronze or 0.75" flat cut aluminum painted bronze or 0.75" acrylic painted bronze.

Answer #1

These letters are intended to be .75" cast aluminum with a dark bronze anodized finish

Question #2

Sign Type C & D specifies 5 gauge aluminum material. Please confirm if 0.25" thick aluminum is intended. (Typically these type sign panels are 0.125" aluminum.)

Answer #2

3/16" thick

Question #3

Sign Type H – are digital prints to be wrapped around edges of elevator doors or applied to faces only?

Answer #3

Faces only

Question #4

Sign Type K – Please confirm that banner material is to be 13 oz. vinyl hemmed and grommited and that mounting will be pole pocket at top with standoff cable system attachments at other locations.

Answer #4

Yes, minimum weight of the banner material at 13 oz. Mounting pole should be utilized top and bottom and cable system attachments may be utilized on just the bottom. Top height of banner to start 7' from ceiling. This is a change from the 5' and effectively makes the banner 2' shorter.

Question #5

Sign type M – Please confirm if engraved raised copy with grade 2 tactile Braille is an acceptable alternate to Photopolymer.

Answer #5

Etched painted zinc is an acceptable alternate providing signs will be ADA compliant

VENDOR C**Question #1**

On the elevator vinyl graphic the vinyl that is specified (3M IJ8624 with 8524 matte) is usually for a rough surface application. With the elevator doors being smooth, is this a typo or is it the vinyl that is wanted for this graphic?

Answer#1

Yes, there is a typo; it should be 3M IJ180c-10.

VENDOR D**Question #1**

The package does not have the Structural or Architectural drawings for the garage. Please provide.

Answer #1

USC will not be providing the drawings.

There is a recommended fastener for drilling into the concrete (see attachment). May also use an equal product by another manufacturer. This requires a drilling depth of $\frac{3}{4}$ " and allows for use of $\frac{3}{8}$ " threaded rod for hanging items. This drilling depth is acceptable into slabs, beams and walls. Bidders need to confirm weight of products being hung against this fastener.

Question #2

On the Drawing title Sign Type A1-Exterior Garage ID, the side elevations indicate that the mounting bolts are by others. Does this mean that others will be providing the J Bolts and the leveling nuts and the Subcontractor should only have to provide the template? Please Advise

Answer #2

Correct

Question #3

Will there be a payment and performance or a bind bond required for this project. Please advise.

Answer #3

No.

Question #4

Will there be liquidated damages assigned to the project of the schedule. Please advise

Answer #4

No.

Question #5

Who will be responsible for the permits on the project? If this is the responsibility of the subcontractor, should we add our procurement price into our bid and who will pay for the price of the permits? Please advise.

Answer #5

The contractor will be responsible for making sure they have appropriate business licenses and permits to perform the work. Any fees associated with licenses and permits is the responsibility of the contractor.

Question #6

Please confirm that the subcontractor should not include tax in their price.

Answer #6

Section VIII. BID SCHEDULE FOR USC ATHLETIC VILLAGE GARAGE USC-IFB-2138-LW requires the bidder to provide unit price for material; this should not include tax. Labor should not include tax either.

Question #7

The award date is set to let on 3/2/2012 and the completed date is set for 7/30/2012. Once the award is let, what will be the start date for the project. Please provide project schedule.

Answer #7

Once the fabricator is selected, the design firm can coordinate with that fabricator to release production files in a timely manner as needed by the fabricator to meet this deadline.

Question #8

On page 12, "**Installation / Removal of temporary signs**" it indicates that the contractor will be responsible for removing temporary signs. What is the total number of signs, method of installation and locations of these signs? Please advise

Answer #8

There are approximately (12) 12"x18" signs per floor, 5 floors. They are attached with adhesive. In addition, there are approximately (6) 48"x12" clearance and directional signs on the ground and 1st floors. They are also attached with adhesive.

Question #9

On sign types H and J (3M Digital Graphics), will the walls be prepared with an appropriate substrate that will allow the graphics to adhere to the wall in the appropriate manner. Please advise. –

Answer #9

Any prep work needed is the responsibility of the fabricator.

Question #10

Is this project prevailing wage? Please confirm

Answer #10

After receiving clarification to this question and this is the response from vendor: In other words are there any wage stipulations on the project such as Davis Bacon Wage rates, the answer is No.

VENDOR E**Question #1**

Sign Type A1: Please verify that the 1" thick panels can be fabricated out of aluminum angle "skinned" with .125 thick aluminum with no visible fasteners and seams welded and ground smooth.

Answer #1

Finished panel size must be 1", but it can be cast/hollow, face plate .125 minimum thickness

Question #2

Sign Type A1: Please verify the thickness of aluminum used for the main structure. We recommend .125 aluminum.

Answer #2

Finished panel size must be 1", but it can be cast/hollow, face plate .125 minimum thickness

Question #3

Sign Type A1: Will the mason provide the anchor bolts cast in place for attaching the signs to the bases?

Answer #3

yes

Question #4

Sign Type A3: Please verify the thickness of aluminum used for the main structure. We recommend .125 aluminum.

Answer #4

Finished panel size must be 1", but it can be cast/hollow, face plate .125 minimum thickness

Question #5

Sign Type C & D: Please verify that the base material is .187 (3/16") aluminum.

Answer #5

Yes

HDI-P Drop-in Anchor 3.3.10

3.3.10.1 Product Description

The Hilti HDI-P Drop-In anchor is an internally threaded, flush mounted expansion anchor for solid and hollow concrete.

Product Features

- Optimized 3/4"- anchor length to allow reliable fastenings in hollow core panels, precast plank and post tensioned slabs
- Shallow drilling enables fast installation
- Lip provides flush installation, consistent anchor depth and easy rod alignment
- Setting tool leaves mark on flange when anchor is set properly to enable inspection and verification of proper expansion

Guide Specifications

Expansion Anchor Expansion anchors shall be flush or shell type and zinc plated in accordance with ASTM B633, SC 1, Type III. Anchors shall be Hilti HDI-P anchors as supplied by Hilti.

Installation Install shell or flush type anchors in holes drilled with Hilti carbide tipped drill bits. Install anchors in accordance with manufacturer's instructions.

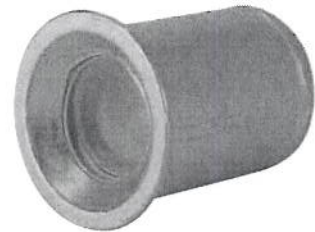
3.3.10.1 Product Description

3.3.10.2 Material Specifications

3.3.10.3 Technical Data

3.3.10.4 Installation Instructions

3.3.10.5 Ordering Information



3.3.10.2 Material Specifications

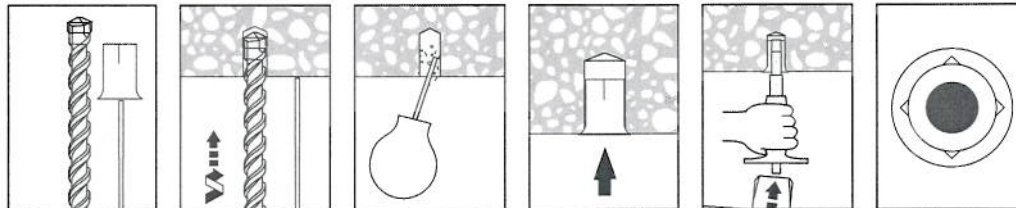
The HDI-P is manufactured from mild carbon steel, which is zinc plated for corrosion protection in accordance with ASTM B633, SC 1, Type III

3.3.10.3 Technical Data

HDI-P Specification Table

Desc.	Length in. (mm)	Bit Size in.	Average Ultimate Loads, lb (kN)				Allowable Loads, lb (kN)			
			4000 psi Concrete (27.6 MPa)		Hollow Core (Spancrete)		4000 psi Concrete (27.6 MPa)		Hollow Core (Spancrete)	
			Tension	Shear	Tension	Shear	Tension	Shear	Tension	Shear
HDI-P 3/8	3/4 (19.1)	1/2	1900 (8.5)	3000 (13.3)	2100 (9.3)	4000 (17.8)	380 (1.7)	600 (2.7)	420 (1.9)	800 (3.6)

3.3.10.4 Installation Instructions



1. Set depth gauge on drill.
2. Hammer-drill hole.
3. Clean hole.
4. Insert anchor.
5. Insert setting tool and strike with hammer until anchor is fully set.
6. Collar of setting tool will leave an indentation on flange of anchor when properly expanded.

3.3.10.5 Ordering Information

HDI-P Anchor

Description	Bit Dia.	Box Qty.
HDI-P 3/8	1/2"	100

Setting Tools for HDI-P Anchors

Description

- HSD-G 3/8" - 3/4" Setting Tool w/ hand guard
- HST-P 3/8" - 3/4" Setting Tool